

Copper Cycle Analysis

Directions: Pretend that you were one of the copper metal atoms at the beginning of the copper cycle lab. Please write 3 to 5 quality paragraphs describing what happened during each step of your journey. What did you react with and who else did you combine with along your journey? What colors did you turn? What evidence of chemical changes did you see during each of the 5 steps? Your responses must be typed and double spaced. Include your name, date, and period number in the heading. Don't forget to be creative!

	Advanced - 4	Proficient - 3	Basic - 2	Below Basic - 1
Content / Concept Understanding X4	Demonstrates mastery of key concepts using a minimum of 3 paragraphs.	Demonstrates an understanding of key concepts using a minimum of 3 paragraphs.	Demonstrates an understanding of some of the concepts using a minimum of 3 paragraphs.	Poor understanding of concepts or is incomplete
Clarity of Thought X1	Well organized and followed appropriate formatting requirements.	Adequate organization and followed appropriate formatting requirements.	Limited organization and followed appropriate formatting requirements.	No organization and/or did not follow appropriate formatting requirements
Creativity X1	Exhibits high level of originality and imagination	Exhibits moderate level of originality and imagination	Exhibits minimal level of originality and imagination	Exhibits little or no originality or imagination in project

24 = 100

23 = 98

22 = 96

21 = 94

20 = 91

19 = 88

18 = 85

17 = 82

16 = 80

15 = 77

14 = 75

13 = 73

12 = 70

11 = 67

10 = 64

9 = 60

8 or below*

* Note: If the essay is not completed or if it is turned in incomplete, then a score of zero may be awarded for each category. Scores below 9 points will be graded on an individual basis according to level of completion.